Operational Level Perspective of the “Kill Chain”

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Find…Fix…Target…Track…Engage…Assess
Three distinct categories of Targets:

- Troops in Contact (TICs)
- Dynamic Targeting
- Deliberate Targeting

ROE requirements based on acceptable Risk
Claw 01 was retasked by Taipan to support a TIC IVO Anaconda Fire Base. Reports that friendlies were being engaged; ACM were observed moving north tactically along the creek bed. Claw 01 was cleared to engaged on the north edge of the east to west running river.
Troops in Contact

- Presence ~ single digit minutes
  - Iraq = typical <10 minutes
  - Afghanistan = < 20 Minutes
- Precise Information—Rover/Targeting Pods/Comms
- Weapon Flexibility
- Theater Air Control System

(ROVER) Remotely Operated Video Enhanced Receiver
Airborne imagery direct to the warfighter!
Advanced Targeting Pods
UAVs, F-16, F-18, A-10, GR-7 and P-3
C-130 Scathe View
A-10 vs IED Cache

Date: 21 Oct 07
Operation: OIF
Aircraft: A-10C
Weapon: 2 x GBU-38
Location: IVO Fallujah, Iraq

2x A-10Cs assigned to the 104 EFS destroy a building containing an IED cache using GBU-38s north of Fallujah, Iraq. The GBU-38 impacts resulted in the destruction of the building and denied materials to the enemy.
Dynamic Targeting

“Time Sensitive” vs. Inside the ATO cycle

- Collateral Damage Estimate
  - Formal or Field?
- Weaponing
- No Strike List?
- Airspace clearance
Airpower in Joint Military Operations
Big Sky Theory
AIRSPACE CONTROL

“another viewpoint”
Deliberate Targeting

- Integrated and Synchronized Effects
  - Space—ISR—Electronic Attack—CSAR
  - Airspace clearance
  - Collateral Damage Estimate
  - Weaponeering
  - No Strike List?
1 Year CFACC Roll-Up by Operation
28 February 2007 – 1 March 2008

IRAQ
- 67,169 Sorties
  - 18,952 (Strike)
    - 2,248 TICs
    - 1,119 SoFs
    - 1,265 Wpns Employed
  - 3,820 (EW)
  - 6,969 (ISR)
  - 7,774 (Tanker)
  - 29,654 (Tac Airlift)
    - 5 Airdrop

AFGHANISTAN
- 31,534 Sorties
  - 10,317 (Strike)
    - 2,073 TICs
    - 1,493 SoFs
    - 2,975 Wpns Employed
  - 1,926 (EW)
  - 3,730 (ISR)
  - 6,573 (Tanker)
  - 8,988 (Tac Airlift)
    - 463 Airdrops

SORTIE TOTAL
98,703
Innovations and Evolving Capabilities

- Fast-moving target destruction
- Positive identification (PID)
- Low collateral damage employment
- UAS Integration